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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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09/224,029 12/31/98 DIMARCO

M A62-25127-US

EXAMINER

MMC2/0509

JOHN G SHUDY JR  
HONEYWELL INC OFFICE OF GENERAL COUNSEL  
HONEYWELL PLAZA MN12 8251  
P O BOX 524  
MINNEAPOLIS MN 55440-0524

DINH, T

ART UNIT

PAPER NUMBER

2841

DATE MAILED:

05/09/00

**Please find below and/or attached an Office communication concerning this application or proceeding.**

**Commissioner of Patents and Trademarks**

# Office Action Summary

Application No.

09/224,029

Applicant(s)

DIMARCO, MARIO

Examiner

Tuan T Dinh

Art Unit

2841

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).

## Status

- 1) ☒ Responsive to communication(s) filed on 31 December 1998.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-5 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-5 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claims \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. § 119

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
- a) ☐ All b) ☐ Some \* c) ☐ None of the CERTIFIED copies of the priority documents have been:
1. ☐ received.
2. ☐ received in Application No. (Series Code / Serial Number) \_\_\_\_\_.
3. ☐ received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. & 119(e).

## Attachment(s)

- 14) ☒ Notice of References Cited (PTO-892) 17) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 15) ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948) 18) ☐ Notice of Informal Patent Application (PTO-152)
- 16) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_ 19) ☐ Other: \_\_\_\_\_

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## **DETAILED ACTION**

### ***Specification***

The spacing of the lines of the specification is such as to make reading and entry of amendments difficult. New application papers with lines double spaced on good quality paper are required.

The use of the trademark "SAFEBEUS" has been noted in this application. It should be capitalized wherever it appears and be accompanied by the generic terminology.

Although the use of trademarks is permissible in patent applications, the proprietary nature of the marks should be respected and every effort made to prevent their use in any manner which might adversely affect their validity as trademarks.

Art Unit: 2841

***Claim Rejections - 35 USC § 112***

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 1-5 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

There is no antecedent basis for "the ovionics cabinet" claim 1, line 1.

The reference to "one of said at least one circuit boards in lines 2 and 3 is unclear, since the preamble set fort "at least one circuit board" (line 1) the passage at lines 2 and 3 implies there are more than one circuit boards which contradict the passage at line 1.

Art Unit: 2841

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1, 4-5 are rejected under 35 U.S.C. 102(b) as being anticipated by Tamura et al (U. S. Patent 5.483.229).

As best understood to claim 1, Tamura discloses an electronic cabinet (10) having at least one circuit boards (50) as shown in figures 1-4 comprising a back panel (14) having a plurality of openings (16), and each opening is corresponding to one of the circuit board. Also, an electronic cabinet comprises a databus (20) which is coupled to the back panel and connecting each of at least one circuit boards (column 4, lines 64-67, column 5, lines 1-19).

As to claim 4, Tamura inherently discloses an electronic cabinet wherein the databus is a SAFEBUS bus.

As to claim 5, Tamura inherently discloses an electronic cabinet wherein the databus is a breadboard.

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***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 2-3 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tamura et al in view of Keeth et al (U. S. Patent 5,430,615).

As to claim 2, Tamura discloses and satisfies all of the limitation claimed invention of an electronic cabinet, except for showing a plurality of frames, and each frame is corresponding to each opening. Keeth discloses an electronic cabinet having a backplane including a plurality of frames (66), and each is corresponding to each opening (100) disclosed in figure 3-6 (column 5, lines 47-61, column 6, lines 8-17, 23-37). It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the electronic cabinet of Tamura and provide the frames in order to protect the connectors of the backplane as taught by Keeth.

As to claim 3, Keeth discloses an electronic cabinet wherein each of the frames accommodated at least one alignment pin (98)

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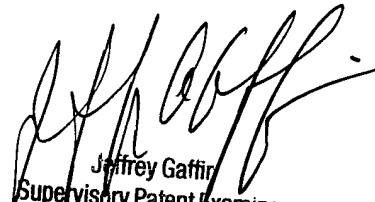
**Conclusion**

11. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Brombal et al, Zacher et al, Monico, Borchew et al disclose related art

12. Any inquiry concerning this communication or earlier communications from the examiner should be direct to Tuan Dinh whose telephone number is (703) 306-5856 or fax number (703) 305-3431. If attempts to reach the above noted examiner by telephone are unsuccessful, the examiner 's supervisor, Mr. Jeffrey Gaffin can be reached at (703) 308-3301.

**Tuan Dinh**

April 2000.

  
Jeffrey Gaffin  
Supervisory Patent Examiner  
Technology Center 2800